Notice of Allowability	Application No.	Applicant(s)	
	09/543,330	KOWALD, JULIE RAE	
	Examiner	Art Unit	
	Christopher Onuaku	2621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *10/9/07*.

2. ☒ The allowed claim(s) is/are *1-10,12-20,22-25,27-53 and 55-75 (now renumbered 1-19,22-68,20,69-71&21, respectively)*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☒ All b) ☐ Some* c) ☐ None of the:
      1. ☒ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *12/27/07* .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Gary M. Jacobs on 12/27/07.

3. The application has been amended as follows:

In the Claims:

In claim 22,

line 1, after "computer readable medium", "having" has been deleted and -- , selected from one of a hard drive, a semiconductor memory, a CD-ROM, and a floppy disk, and encoded with -- added;

line 1, after "a", - - computer - - has been added;

line 1, after "program", "recorded" has been deleted;

line 2, "thereon" has been deleted.

In claim 55,

line 1, after "computer readable medium", "having" has been deleted and -- , selected from one of a hard drive, a semiconductor memory, a CD-ROM, and a floppy disk, and encoded with -- added;

line 1, after "a", - - computer - - has been added;

line 1, after "program", "recorded" has been deleted;

line 2, "thereon" has been deleted.

Allowable Subject Matter

4. Claim1-10,12-20,22-25,27-53&55-75 are allowable over the prior art of record.

5. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the invention relates to the editing of raw motion picture footage, including the extraction of information from a sequence of image clips obtained from film or video image information to facilitate editing of the raw footage to provide a desired result.

The closest references Ohmori et al (US 6,292,620) disclose an edited-list creating apparatus, an editing apparatus and an editing method capable of creating a so-called edited list in which the edit content is defined for obtaining a desired edited image and sound, for example, by linking a plurality of pre-registered image and sound materials (clip) together in a desired state, and Nakatani et al (US 5,784,521) teach a signal recording system, including a method for determining the timing of control over the operation of a recording apparatus.

However, Ohmori et al and Nakatani et al fail to explicitly disclose a computer-implementable method of rhythmically editing an input video sequence to form an output edited sequence of shorter duration than the input video sequence without requiring a user to manually edit the input video sequence, the input video sequence comprising at least one input clip, each input clip being formed at least by video content captured between two points in time and thereby defining a duration of the input clip, where the method further comprises the step of processing the duration data of the at least one input clip according to editing rules to form editing instruction data, the processing of the duration data comprising identifying, from the input video sequence, the sequence of the output segments, each of the output segments having one of the predetermined segment durations, and being derived from a single input clip of the input video sequence, and identifying, from the input video sequence, discardable portions each having at least a predetermined third duration, the discardable portions separating the segments of the rhythmic sequence, there being at least one discernible portion identified from each input clip of the input video sequence.

Regarding claim 22, the invention relates to the editing of raw motion picture footage, including the extraction of information from a sequence of image clips obtained from film or video image information to facilitate editing of the raw footage to provide a desired result.

The closest references Ohmori et al (US 6,292,620) disclose an edited-list creating apparatus, an editing apparatus and an editing method capable of creating a

so-called edited list in which the edit content is defined for obtaining a desired edited image and sound, for example, by linking a plurality of pre-registered image and sound materials (clip) together in a desired state, and Nakatani et al (US 5,784,521) teach a signal recording system, including a method for determining the timing of control over the operation of a recording apparatus.

However, Ohmori et al and Nakatani et al fail to explicitly disclose a computer readable medium, selected from one of a hard drive, a semiconductor memory, a CD-ROM, and a floppy disk, and encoded with a computer program, wherein the program is configured to make a computer execute a method of rhythmically editing an input video sequence to form an output edited sequence of shorter duration than the input video sequence, the input video sequence comprising at least one input clip, each input clip being formed at least by video content captured between two points in time and thereby defining a duration of the input clip, where the method further comprises the step of processing the duration data of the at least one input clip according to editing rules to form editing instruction data, the processing comprising identifying, from the input video sequence, the sequence of the output segments, each of the output segments having one of the predetermined segment durations, and being derived from a single input clip of the input video sequence, and identifying, from the input video sequence, discardable portions each having at least a predetermined third duration, the discardable portions separating the segments of the sequence, there being at least one discernible portion identified from each input clip of the input video sequence.

Regarding claim 35, the invention relates to the editing of raw motion picture footage, including the extraction of information from a sequence of image clips obtained from film or video image information to facilitate editing of the raw footage to provide a desired result.

The closest references Ohmori et al (US 6,292,620) disclose an edited-list creating apparatus, an editing apparatus and an editing method capable of creating a so-called edited list in which the edit content is defined for obtaining a desired edited image and sound, for example, by linking a plurality of pre-registered image and sound materials (clip) together in a desired state, and Nakatani et al (US 5,784,521) teach a signal recording system, including a method for determining the timing of control over the operation of a recording apparatus.

However, Ohmori et al and Nakatani et al fail to explicitly disclose a visual image rhythmic editing system for editing an input video sequence to form an output edited sequence of shorter duration than the input video sequence without requiring a user to manually edit the input video sequence, where the system further comprises processing means for processing the duration data of the at least one input clip according to editing rules to form editing instruction data, the processing means being operative to identify, from the input video sequence, the sequence of the output segments, each of the output segments having one of the predetermined segment durations, and being derived from a single input clip of the input video sequence, and identify, from the input video sequence, discardable portions each having at least a predetermined third duration, the

discardable portions separating the segments of the sequence, there being at least one discernible portion identified from each input clip of the input video sequence.

Regarding claim 46, the invention relates to the editing of raw motion picture footage, including the extraction of information from a sequence of image clips obtained from film or video image information to facilitate editing of the raw footage to provide a desired result.

The closest references Ohmori et al (US 6,292,620) disclose an edited-list creating apparatus, an editing apparatus and an editing method capable of creating a so-called edited list in which the edit content is defined for obtaining a desired edited image and sound, for example, by linking a plurality of pre-registered image and sound materials (clip) together in a desired state, and Nakatani et al (US 5,784,521) teach a signal recording system, including a method for determining the timing of control over the operation of a recording apparatus.

However, Ohmori et al and Nakatani et al fail to explicitly disclose a method of editing an input video sequence comprising a plurality of individual input clips to form an output edited sequence, each input clip being formed by video content captured between a corresponding commencement of recording and a corresponding of cessation of recording and distinguished by associated data including at least time data related to a real time at which the input clip was recorded, where the method further comprises the step of processing the duration data of the at least one input clip according to editing rules of the template to form editing instruction data, the editing

instruction data being to define the output segments from the at least one input clip, the processing identifying, from the input video sequence, the sequence of the segments, each segment of the sequence having one of the predetermined segment durations, and being derived from a single input clip of the input video sequence, and identifying, from the input video sequence, discardable portions each having at least a predetermined discardable duration, the discardable portions separating the segments of the sequence of segments, there being at least one discernible portion identified from each input clip of the input video sequence.

Regarding claim 55, the invention relates to the editing of raw motion picture footage, including the extraction of information from a sequence of image clips obtained from film or video image information to facilitate editing of the raw footage to provide a desired result.

The closest references Ohmori et al (US 6,292,620) disclose an edited-list creating apparatus, an editing apparatus and an editing method capable of creating a so-called edited list in which the edit content is defined for obtaining a desired edited image and sound, for example, by linking a plurality of pre-registered image and sound materials (clip) together in a desired state, and Nakatani et al (US 5,784,521) teach a signal recording system, including a method for determining the timing of control over the operation of a recording apparatus.

However, Ohmori et al and Nakatani et al fail to explicitly disclose a computer readable medium, selected from one of a hard drive, a semiconductor memory, a CD-

ROM, and a floppy disk, and encoded with a computer program, wherein the program is configured to make a computer execute a method of editing an input video sequence comprising a plurality of individual input clips to form an output edited sequence, each input clip being formed by video content captured between a corresponding commencement of recording and a corresponding cessation of recording and distinguished by associated data including at least time data related to a real time at which the clip was recorded, where the method further comprises the step of processing the duration data of the at least one input clip according to editing rules of the template to form editing instruction data, the editing instruction data being configured to define the output segments from the at least one input clip, the processing identifying, from the input video sequence, the sequence of the segments, each segment of the sequence having one of the predetermined segment durations, and being derived from a single input clip of the input video sequence, and identifying, from the input video sequence, discardable portions each having at least a predetermined discardable duration, the discardable portions separating the segments of the sequence of segments, there being at least one discernible portion identified from each input clip of the input video sequence.

Regarding claim 63, the invention relates to the editing of raw motion picture footage, including the extraction of information from a sequence of image clips obtained from film or video image information to facilitate editing of the raw footage to provide a desired result.

The closest references Ohmori et al (US 6,292,620) disclose an edited-list creating apparatus, an editing apparatus and an editing method capable of creating a so-called edited list in which the edit content is defined for obtaining a desired edited image and sound, for example, by linking a plurality of pre-registered image and sound materials (clip) together in a desired state, and Nakatani et al (US 5,784,521) teach a signal recording system, including a method for determining the timing of control over the operation of a recording apparatus.

However, Ohmori et al and Nakatani et al fail to explicitly disclose a system for editing an input video sequence comprising a plurality of individual input clips to form an output edited sequence, each input clip being formed by video content captured between a corresponding commencement of recording and a corresponding cessation of recording and distinguished by associated data including at least time data related to a real time at which the input clip was recorded, where the system further comprises processing means for processing the duration data of the at least one input clip according to editing rules of a selected the template to form editing instruction data, the editing instruction data being to configured to define the output segments from the at least one input clip, the processing comprising identifying, from the input video sequence, the sequence of the segments, each segment of the sequence having one of the predetermined segment durations, and being derived from a single input clip of the input video sequence, and identifying, from the input video sequence, discardable portions each having at least a predetermined third duration, the discardable portions

separating the segments of the rhythmic sequence, there being at least one discernible portion identified from each input clip of the input video sequence.

Regarding claim 72, the invention relates to the editing of raw motion picture footage, including the extraction of information from a sequence of image clips obtained from film or video image information to facilitate editing of the raw footage to provide a desired result.

The closest references Ohmori et al (US 6,292,620) disclose an edited-list creating apparatus, an editing apparatus and an editing method capable of creating a so-called edited list in which the edit content is defined for obtaining a desired edited image and sound, for example, by linking a plurality of pre-registered image and sound materials (clip) together in a desired state, and Nakatani et al (US 5,784,521) teach a signal recording system, including a method for determining the timing of control over the operation of a recording apparatus.

However, Ohmori et al and Nakatani et al fail to explicitly disclose a computer-implementable method of editing an input video sequence, the video sequence comprising at least one clip, each clip being formed at least by video content captured between two points in time and thereby defining a duration of the clip, where the method further comprises the steps of providing at least one predetermined template, the template having a plurality of attributes including cutting rules comprising at least a first edited segment duration, having a predetermined duration between 1 and 8 seconds, and a second edited segment duration, having a predetermined duration between 2 and

20 seconds, processing the duration data of the at least one clip according to cutting rules of the template to form editing instruction data, the editing instruction data being configured to form output edited segments from the at least one clip, and processing the at least one clip of the video sequence according to the editing instruction data to form an output edited sequence of the output edited segments, each output edited segment having a duration corresponding to one of the edited segment durations of the cutting rules of the template, with at least a portion of the at least one clip being discarded by the processing of the at least one clip.

Regarding claim 73, the invention relates to the editing of raw motion picture footage, including the extraction of information from a sequence of image clips obtained from film or video image information to facilitate editing of the raw footage to provide a desired result.

The closest references Ohmori et al (US 6,292,620) disclose an edited-list creating apparatus, an editing apparatus and an editing method capable of creating a so-called edited list in which the edit content is defined for obtaining a desired edited image and sound, for example, by linking a plurality of pre-registered image and sound materials (clip) together in a desired state, and Nakatani et al (US 5,784,521) teach a signal recording system, including a method for determining the timing of control over the operation of a recording apparatus.

However, Ohmori et al and Nakatani et al fail to explicitly disclose a computer-implementable method of rhythmically editing an input video sequence to form an output

edited sequence of shorter duration than the input video sequence without requiring a user to manually edit the input video sequence, the input video sequence comprising at least one input clip, each input clip being formed at least by video content captured between two points in time and thereby defining a duration of the input clip, where the method further comprises the step of processing the duration data of the at least one input clip according to rhythmic editing rules to form editing instruction data, the rules including at least a user selectable reproduction duration for the output edited sequence and a plurality of editing durations including a first duration and a second duration, the editing instruction data being configured to define output segments from the at least one input clip of the input video sequence, the processing of the duration data comprising identifying, from the reproduction duration at least the first editing duration for defining output segments from the at least one input clip and a number of the output segments of the first editing duration to occupy the reproduction duration, identifying, from the input video sequence, a sequence of the number of the output segments, each the output segment being derived from a single input clip of the input video sequence, and identifying discardable portions from the input video sequence, the discardable portions having at least the second duration and separating the output segments of the rhythmic sequence, there being at least one discardable portion identified from each input clip of the input video sequence.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Onuaku whose telephone number is 571-272-7379. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

COO
12/27/07.

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